



RAISING

\$5,000,000

Improving Surgery with Guardinium™ Alloy

THE PROBLEM

Hospital-acquired infections and surgical site infections are considered "never events" — yet they persist. 3.2% of patients acquire a new infection in hospitals. 1.2% of surgeries result in SSIs — leading to costly complications and revision surgeries.

OUR SOLUTION

● Guardinium™ Alloy

The world's first permanently antimicrobial surgical instrument material — eliminates infections at the source without coatings or chemicals.

● Biocompatible & Durable

Strength and corrosion resistance matching stainless steel. Safe for direct patient contact with proven biocompatibility.

COMPETITIVE ADVANTAGE

No permanently antimicrobial surgical instruments exist on the market. Current alternatives rely on coatings that wear off or chemicals that deplete. Teslake owns the first-mover advantage with Guardinium™.

SEE GUARDINIUM™ IN ACTION



WHY INVEST NOW

- First-mover — no competitors in antimicrobial instruments
- 9 FDA approvals with 100s of successful surgeries
- \$35.8B TAM in surgical instruments market
- Backed by Stanford, Mayo Clinic & top spine surgeons

GET IN TOUCH

Email lukas.eisermann@teslake.com

Web www.teslake.com

HQ San Diego, CA

TRACTION & VALIDATION

9

FDA Approvals

100s

Surgeries Completed

TRUSTED BY:

- Stanford University
- Mayo Clinic Network
- University of Illinois

MARKET OPPORTUNITY

\$35.8BSurgical Instruments
(2025)**First-Mover**No Competitors
in Antimicrobial

GO-TO-MARKET

Onboarding alpha sites as early adopters. Upon validation, instruments distributed through strategic supply agreements — a scalable model.

USE OF FUNDS

- Launch Guardinium™ instruments to market
- Startup Guardinium™ production facility
- Scale manufacturing and supply chain

LEADERSHIP

Steve Foti

CEO & Co-Founder

33 yrs sales experience (25 in medical devices). Former Medtronic and K2M Surgical.

Lukas Eisermann

President & Co-Founder

31 yrs product dev, regulatory & engineering. 28 US patents. Former Medtronic and NuVasive.

MEDICAL ADVISORS

KW**K. Wood, MD**
Orthopedic Spine**SN****S. Neckrysh, MD**
Neurosurgery**FS****F. Sandhu, MD**
Neurosurgery**CK****C. Kim, MD**
Spine Surgery**PP****P. Passias, MD**
Orthopedic Spine**SA****S. Arsht, MD**
Sports Medicine